

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102521AR\
 Data File : FD039259.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 1:44
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 03:39:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.760	2070263	15.862 ug/ml
Spiked Amount 50.000		Recovery =	31.72%
6) S 2-Fluorobiphenyl (SURR)	8.631	1355016	15.224 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	30.45%
11) S ortho-Terphenyl (SURR)	11.673	2133497	15.527 ug/ml
Spiked Amount 50.000		Recovery =	31.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	2316253	16.550 ug/ml
2) T Naphthalene (C11.7)	6.096	2349106	15.920 ug/ml
3) T 2-Methylnaphthalene (...)	7.151	2343247	15.728 ug/ml
5) T Acenaphthylene (C15.06)	8.433	2142539	15.636 ug/ml
7) T Acenaphthene (C15.5)	8.729	2256250	15.636 ug/ml
8) T Flouorene (C16.55)	9.511	2170383	15.287 ug/ml
9) T Phenanthrene (C19.36)	10.912	2096612	15.116 ug/mlm
10) T Anthracene (C19.43)	10.988	2071387	15.150 ug/mlm
12) T Fluoranthene (C21.85)	12.729	2070357	15.059 ug/mlm
13) T Pyrene (C20.8)	13.028	1974395	14.733 ug/ml
14) T Benzo[a]anthracene (C...	14.902	1876991	15.430 ug/ml
15) T Chrysene (C27.41)	14.944	1968397	15.491 ug/ml
16) T benzo[b]fluoranthene ...	16.455	1969660	16.642 ug/ml
17) T Bnezo[k]fluoranthene ...	16.487	1965489	16.711 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.836	1940913	16.958 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.202	1908923	17.547 ug/ml
20) T Dibenz[a,h]anthracene...	18.239	1898207	17.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.458	1933384	17.855 ug/ml

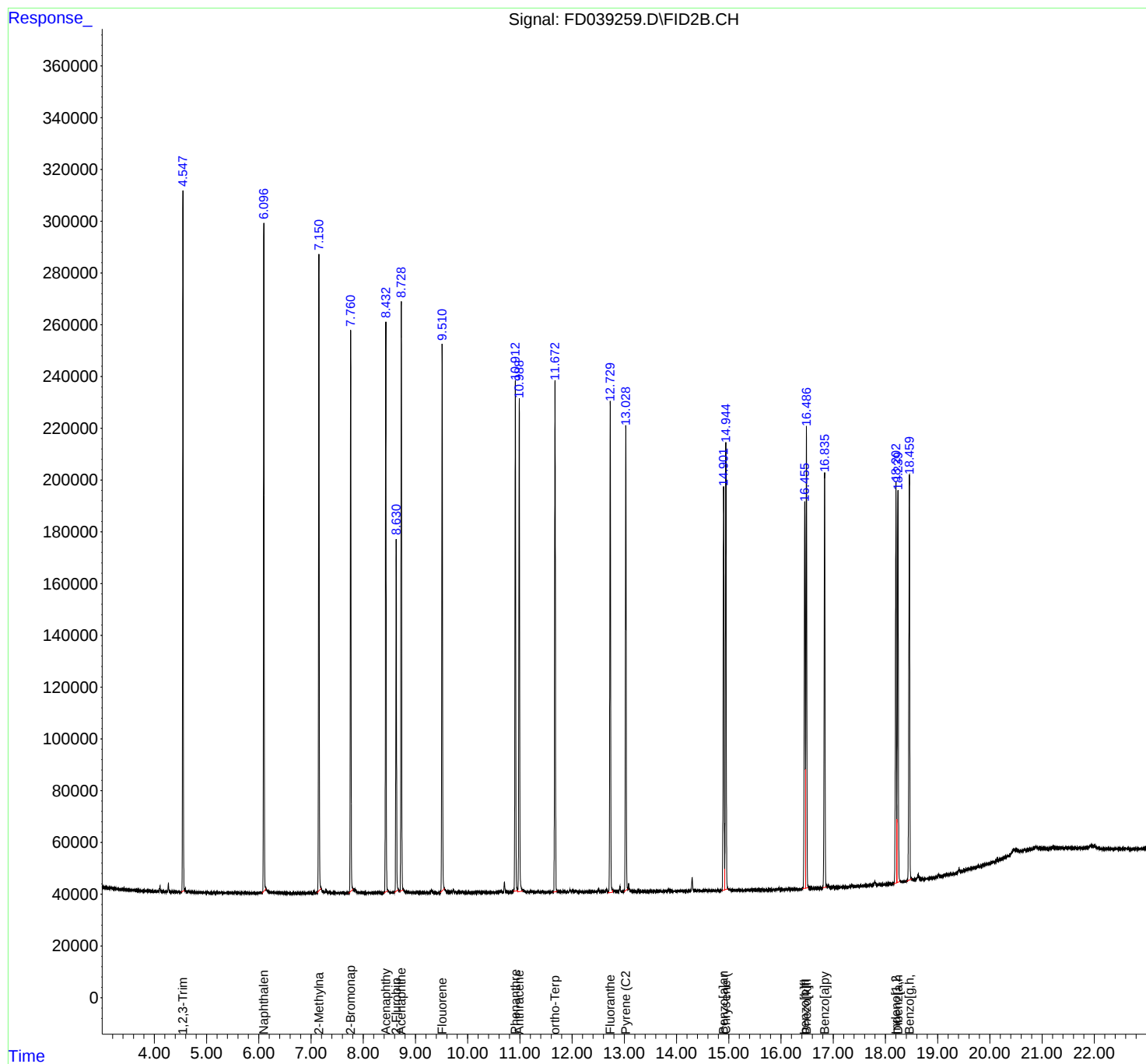
(f)=RT Delta > 1/2 Window

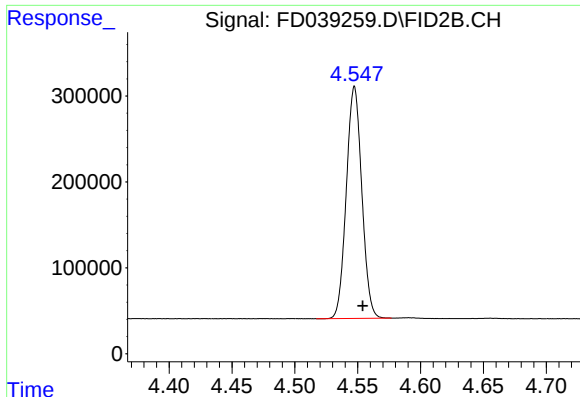
(m)=manual int.

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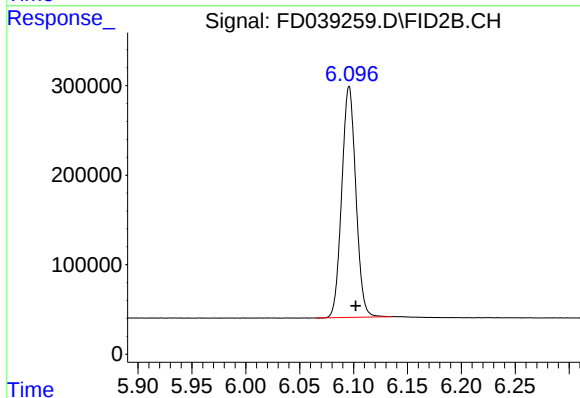
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Signal Info : 20M x 0.18mm x 0.18µm





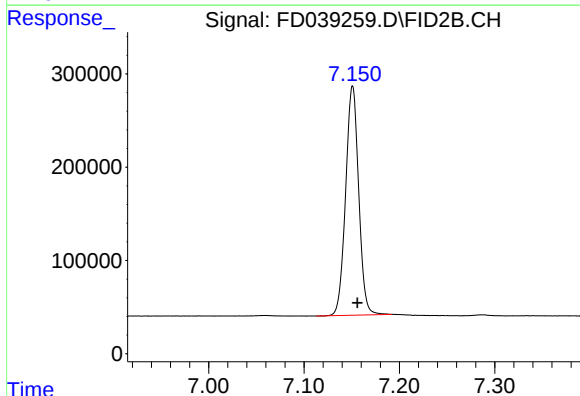
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 2316253
Conc: 16.55 ug/ml



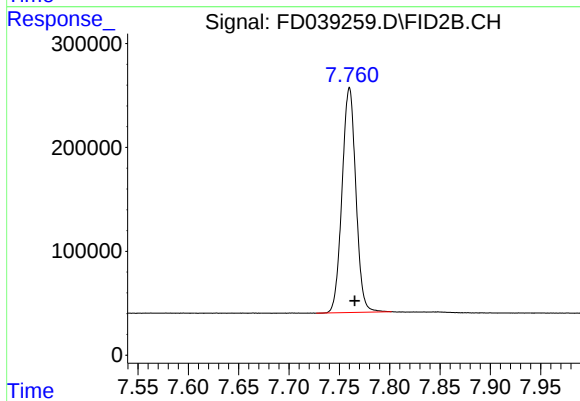
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 2349106
Conc: 15.92 ug/ml



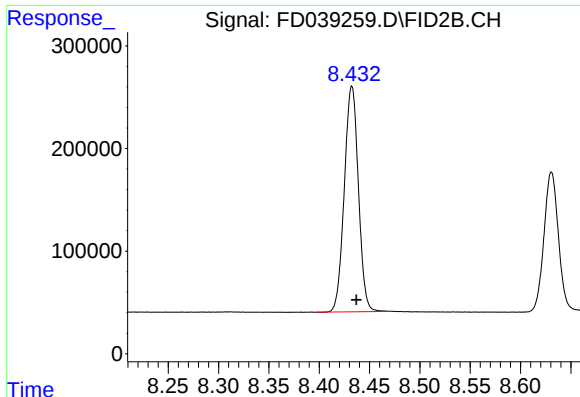
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: -0.005 min
Response: 2343247
Conc: 15.73 ug/ml



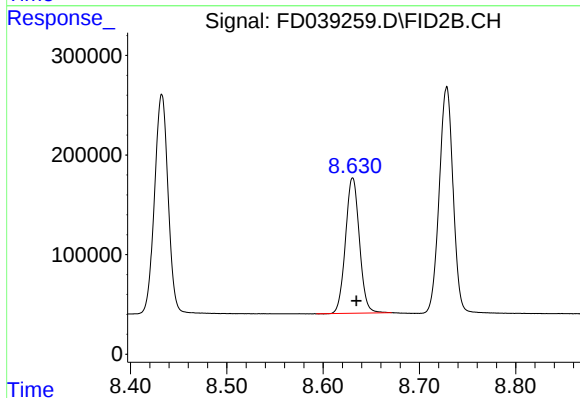
#4 2-Bromonaphthalene (SURR)

R.T.: 7.760 min
Delta R.T.: -0.005 min
Response: 2070263
Conc: 15.86 ug/ml



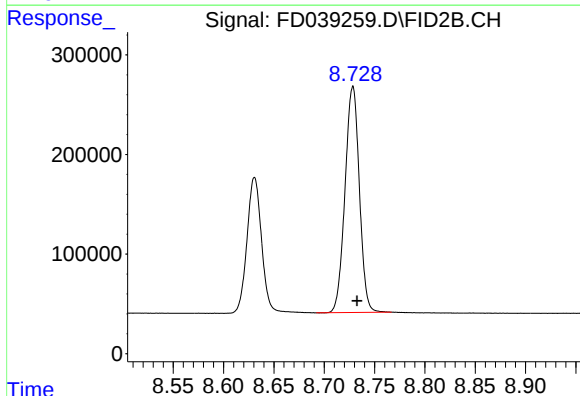
#5 Acenaphthylene (C15.06)

R.T.: 8.433 min
Delta R.T.: -0.005 min
Response: 2142539
Conc: 15.64 ug/ml



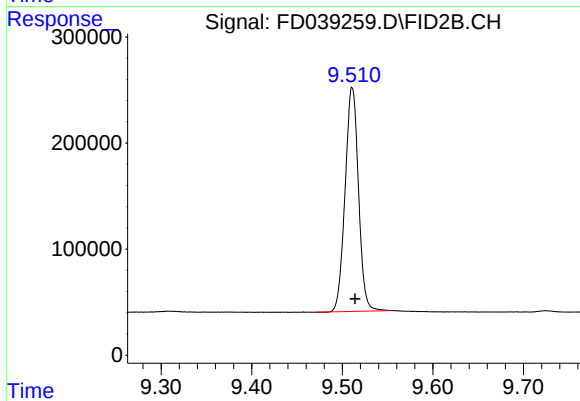
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: -0.004 min
Response: 1355016
Conc: 15.22 ug/ml



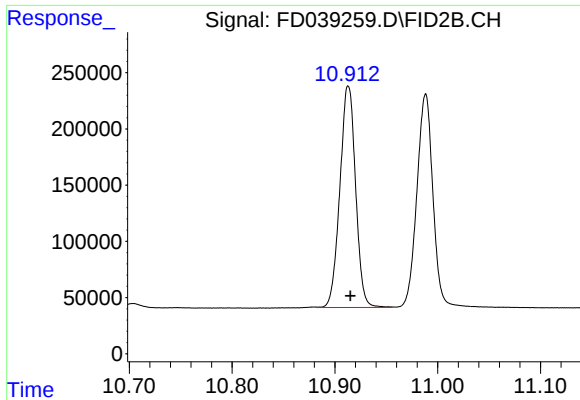
#7 Acenaphthene (C15.5)

R.T.: 8.729 min
Delta R.T.: -0.004 min
Response: 2256250
Conc: 15.64 ug/ml



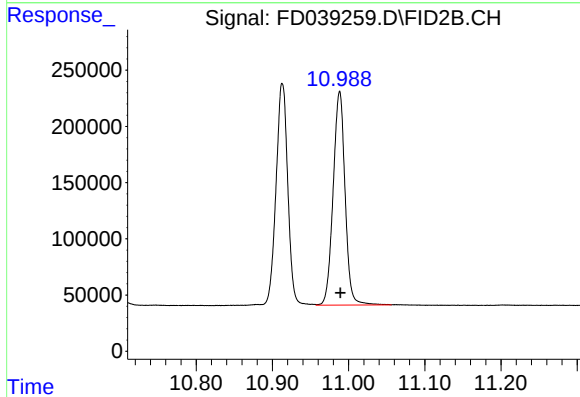
#8 Fluorene (C16.55)

R.T.: 9.511 min
Delta R.T.: -0.003 min
Response: 2170383
Conc: 15.29 ug/ml



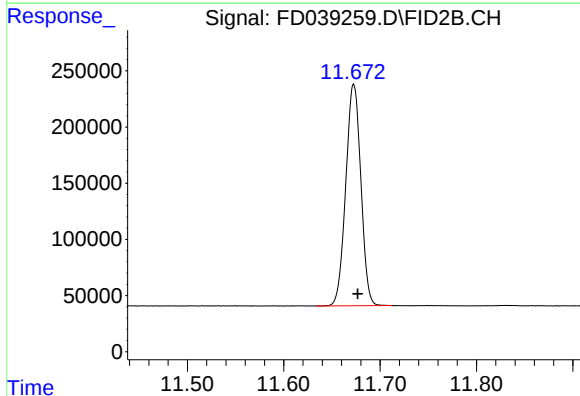
#9 Phenanthrene (C19.36)

R.T.: 10.912 min
Delta R.T.: -0.003 min
Response: 2096612
Conc: 15.12 ug/ml m



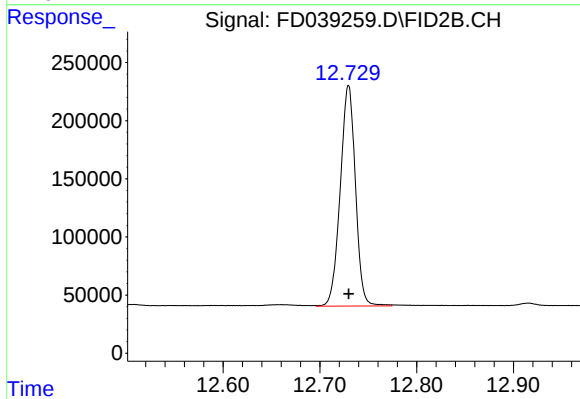
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.000 min
Response: 2071387
Conc: 15.15 ug/ml m



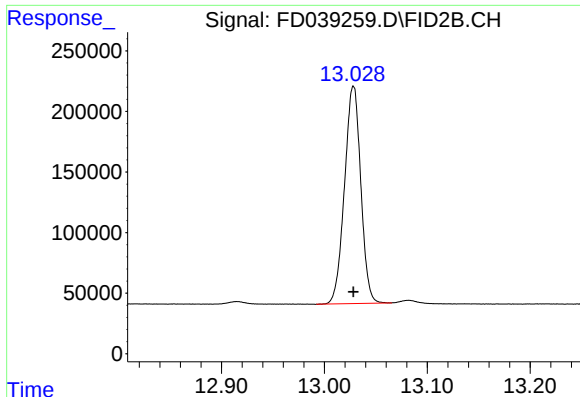
#11 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.004 min
Response: 2133497
Conc: 15.53 ug/ml



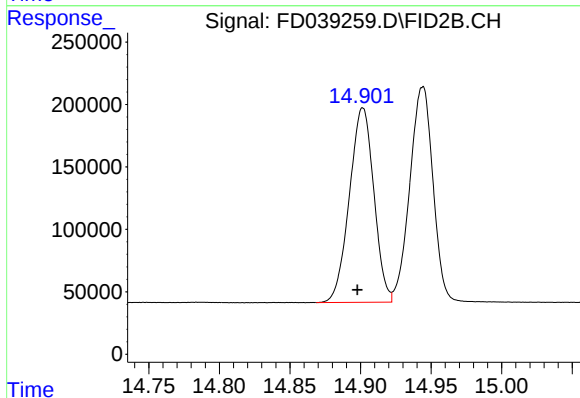
#12 Fluoranthene (C21.85)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 2070357
Conc: 15.06 ug/ml m



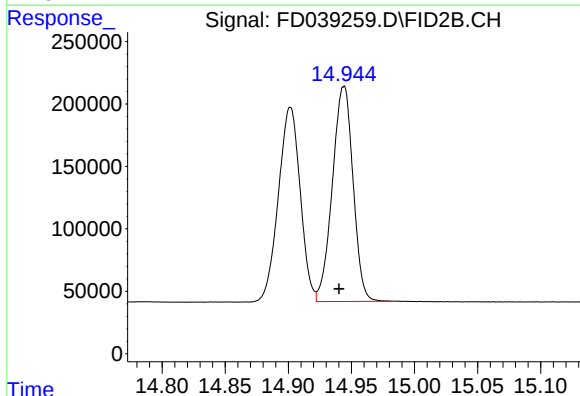
#13 Pyrene (C20.8)

R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 1974395
Conc: 14.73 ug/ml



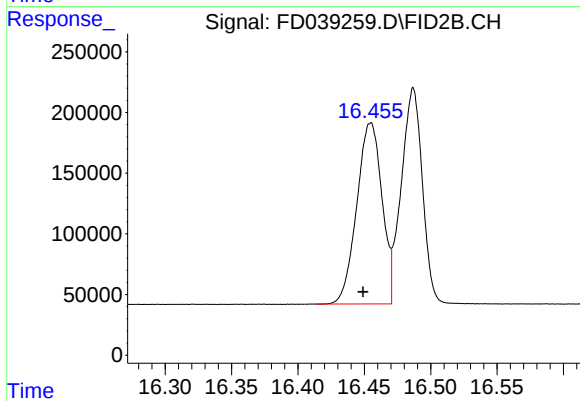
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.902 min
Delta R.T.: 0.004 min
Response: 1876991
Conc: 15.43 ug/ml



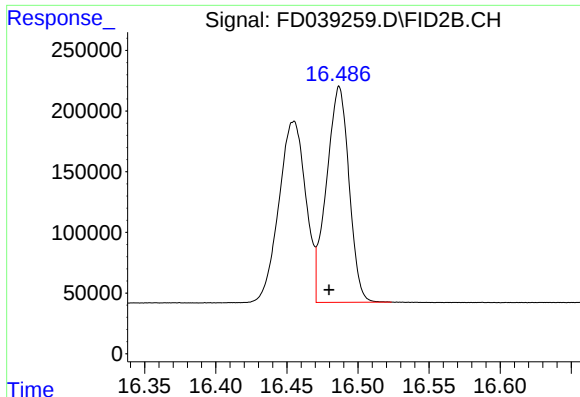
#15 Chrysene (C27.41)

R.T.: 14.944 min
Delta R.T.: 0.004 min
Response: 1968397
Conc: 15.49 ug/ml



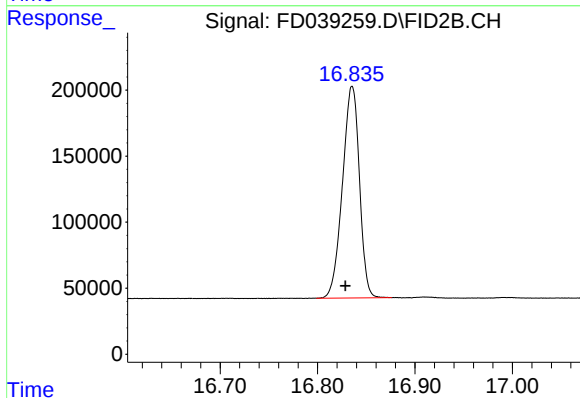
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.455 min
Delta R.T.: 0.006 min
Response: 1969660
Conc: 16.64 ug/ml



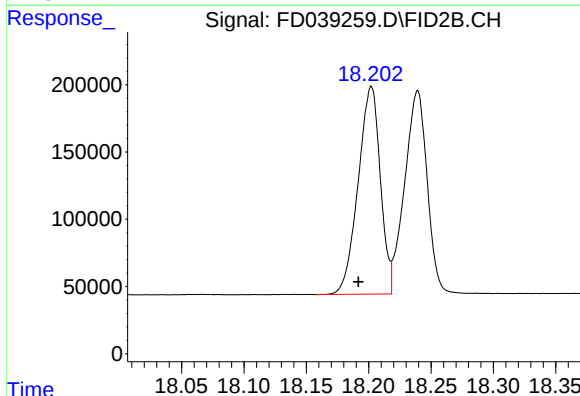
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.487 min
Delta R.T.: 0.007 min
Response: 1965489
Conc: 16.71 ug/ml



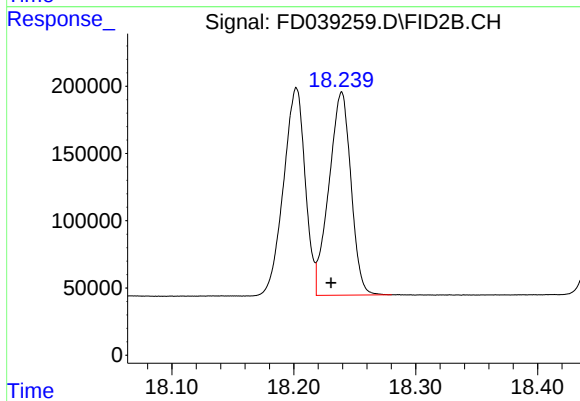
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.836 min
Delta R.T.: 0.007 min
Response: 1940913
Conc: 16.96 ug/ml



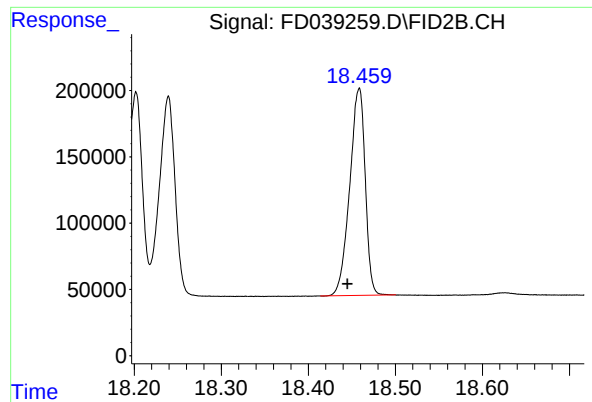
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.202 min
Delta R.T.: 0.010 min
Response: 1908923
Conc: 17.55 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.239 min
Delta R.T.: 0.009 min
Response: 1898207
Conc: 17.86 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.458 min
Delta R.T.: 0.014 min
Response: 1933384
Conc: 17.86 ug/ml